

From: Chernyshev, Olga  
Sent: Thursday, January 23, 2003 3:39 PM  
To: STIC-Biotech/ChemLib  
Subject: sequence search request

Please search US case 09/805,467 SEQ ID NO: 2.  
Thank you very much!

Olga N. Chernyshev  
AU1646  
CM1 11E05  
305-1003  
mail box 10D19

RECEIVED  
JAN 23 2003  
STIC

POINT OF CONTACT:  
PAUL SCHULWITZ  
TECHNICAL INFO. SPECIALIST  
CM1 6B06 TEL. (703) 305-1954

Searcher: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Location: \_\_\_\_\_  
Date Picked Up: 1/24  
Date Completed: 1/24  
Searcher Prep/Review: \_\_\_\_\_  
Clerical: \_\_\_\_\_  
Online time: \_\_\_\_\_

TYPE OF SEARCH:  
NA Sequences: \_\_\_\_\_  
AA Sequences: \_\_\_\_\_  
Structures: \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Full text: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

VENDOR/COST (where applic.)  
STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
Questel/Orbit: \_\_\_\_\_  
DRLink: \_\_\_\_\_  
Lexis/Nexis: \_\_\_\_\_  
Sequence Sys.: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other (specify): \_\_\_\_\_

EMBL:AC005849

ID AC005849 standard; DNA; HTG; 169144 BP.  
XX  
AC AC005849;  
XX  
SV AC005849.1  
XX  
DT 23-OCT-1998 (Rel. 57, Created)  
DT 31-AUG-2001 (Rel. 68, Last updated, Version 4)  
XX  
DE Homo sapiens chromosome 11 clone CIT-HSP-1337H24, \*\*\* SEQUENCING IN  
DE PROGRESS \*\*\*, 9 unordered pieces.  
XX  
KW HTG; HTGS\_CANCELLED; HTGS\_PHASE1.  
XX  
OS Homo sapiens (human)  
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia;  
OC Eutheria; Primates; Catarrhini; Hominidae; Homo.  
XX  
RN [1]  
RP 1-169144  
RA Smith D.R.;  
RT "Sequencing of Human Chromosome 10";  
RL Unpublished.  
XX  
RN [2]  
RP 1-169144  
RA Smith D.R.;  
RT ;  
RL Submitted (22-OCT-1998) to the EMBL/GenBank/DDBJ databases.  
RL Genome Therapeutics Corporation, 100 Beaver Street, Waltham, MA 02154,  
USA  
XX  
DR SWISS-PROT; P57796; CAB4\_HUMAN.  
XX  
CC \* NOTE: This is a 'working draft' sequence. It currently  
CC \* consists of 9 contigs. The true order of the pieces  
CC \* is not known and their order in this sequence record is  
CC \* arbitrary. Gaps between the contigs are represented as  
CC \* runs of N, but the exact sizes of the gaps are unknown.  
CC \* This record will be updated with the finished sequence  
CC \* as soon as it is available and the accession number will  
CC \* be preserved.  
CC \* 1 506: contig of 506 bp in length  
CC \* gap of unknown length  
CC \* 507 3033: contig of 2527 bp in length  
CC \* gap of unknown length  
CC \* 3034 12956: contig of 9923 bp in length  
CC \* gap of unknown length  
CC \* 12957 19521: contig of 6565 bp in length  
CC \* gap of unknown length  
CC \* 19522 31636: contig of 12115 bp in length  
CC \* gap of unknown length  
CC \* 31637 48670: contig of 17034 bp in length  
CC \* gap of unknown length  
CC \* 48671 61610: contig of 12940 bp in length  
CC \* gap of unknown length  
CC \* 61611 97329: contig of 35719 bp in length  
CC \* gap of unknown length  
CC \* 97330 169144: contig of 71815 bp in length.  
XX  
FH Key Location/Qualifiers  
FH

FT source 1..169144  
 FT /chromosome="11"  
 FT /db\_xref="taxon:9606"  
 FT /organism="Homo sapiens"  
 FT /clone="CIT-HSP-1337H24"  
 XX  
 SQ Sequence 169144 BP; 37524 A; 46225 C; 46279 G; 39089 T; 27 other;

ttgaatccag	gctaggcagc	tcttgccctc	tctggcgcct	tgctgagggg	ggccctgccc	111000
cagcctcaat	gactgttggg	ggaaggggac	tagtggacca	ggcttggcca	tgccaggcca	111060
gcttgtgggt	caccagggcc	ttaggctcct	gcttggggct	ggtggctcct	gggaggcccc	111120
cttctcttca	gggacttttt	tgtttcacgt	ccttgtgtcc	aggcccggag	gaggagaggg	111180
agggaaggac	caaagggagg	tcaggtcaag	cccggggaaa	gtgccccctg	ttgtcttctc	111240
ccagcaggac	tgaggcccgag	ggaagaatag	tcagcggggt	ctgggggtgt	gagggacagt	111300
accccgcaag	atgccattag	ctgcggtttg	ggggctgtcg	ggcgactgtg	tgtgtgttgg	111360
gagcaaccac	agaaaaggct	gatggccggg	agcaggggtc	gctgacatgg	aactgcctga	111420
gacttctggc	tggattgttt	ccctccctc	aagtcctcct	tccaggcctg	acggactcag	111480
cagggttttt	aaggacaaag	ctgtcggcgg	ctccccacct	gtctgactgg	ctggttcctc	111540
tgtctgcctc	gggctctttc	actgctctgg	tgggcctgcg	tgcttcttga	ccctcacctg	111600
gggcctgcgc	ccggggccgc	ctctggcggg	gtgctgctgg	ggctttctcc	ttcagaggca	111660
ggaggtgtgg	ctgggtcctc	aagggtccct	ggggtaggat	gagaggatgg	gggtggggaa	111720
gcttcatcac	agggactggg	cacagaactg	gcagcaggtg	caggggtctg	gacgttagtg	111780
tctgcctgtg	gctggggccac	agaatctgac	tgtggctggg	ccatgaggtt	cagctgtggc	111840
tgggctgtgg	gatccgactg	tggctggggc	gtaggggttca	gctgtggctg	agctgtggga	111900
tccgatcgtg	gctggagtg	gggggttacc	tgaggctggg	ccacaggatc	catctgtgac	111960
tgggcctctg	ccatcggctc	tggcagagtt	ggaccctcag	aatctagctg	ggtctgtggc	112020
tcagtgggcg	tgaagctgcc	cggccgctcc	tcgcagagag	ctgccgcgaa	ggacgagagc	112080
acggagcgca	gcagggtccg	gaggtcggca	ctggccatga	ggcagaggaa	ggggctgagg	112140
cagctgttga	gtaggatcag	gtagtccggg	tagaccaggg	cctcccagag	caggtagcca	112200
gagtagacgt	cccacaggaa	ggccaggtag	agcagctggg	ccagctggta	gggcagcctc	112260
aggaccacat	aggctgacag	aatggtcctg	gccacacggg	cgaagccccg	gcaggctgcg	112320
ggctgctgtt	ggcgggtggca	ggtgcgacag	gctgtggcct	gggtgagcac	gtggcagacg	112380
agcagcagga	ggaaaggcag	gaagcccccc	aggacctcca	gcatactcag	cgacagctcc	112440
tcgctgtccc	agaaagtcag	gcagatgacc	aggtcgtacc	accagacggc	agcctcgggg	112500
aagacagccc	agggcacgct	gaagagtgtg	gccagcaccc	agacaccggc	gcagacccag	112560
aggggcaggg	ggactggggc	gtgcccaggg	taccagtgtg	ggcacagcgc	cagcaggcag	112620
cggctcaggg	tgagggcggc	cagcaggaag	aggccggagg	agtaggacac	gccccatagg	112680
aagtagtaga	agcggcaggg	agctgtcccc	agcggccagt	gtcccccatg	ccggatctct	112740
aggatctgga	aggccgctgc	tgccaggaa	aagaagtcag	agagggccag	gctgagcagg	112800
agcagcgcca	gacgcgtgcc	agctccatgc	cgggcctggg	agccggccag	ccacgccatc	112860
aacctattgg	ctggcagccc	aaggagcagc	agggccacca	ggaagaccgt	gtcccagcca	112920
ccttgggggt	aggagtcctc	atcatcaagc	tctgtgcggg	gcctgtggcc	agtggcaccc	112980
aggtcagctt	ccatggtagt	gtccattttg	gggtcccaga	gcctgtctgg	acacggagtg	113040
ggtgcctggt	gaatcaatga	tgggtgtgaat	gaccgagtat	gggagagacg	gtgctgtgca	113100
tctccaggca	agtcaccatc	cctccctgcg	ccattgtcat	caccttttga	gtaattatcc	113160
tatgccaagg	acttgaagtg	gatgacctca	tggagtcttc	atacaatcta	ctttacaggc	113220
gaggacagga	aggttcagag	aatcagtga	ggtaggaagg	gaggtgccag	ggctcaaccc	113280
agacttttct	ttttttttct	tttttttttt	tttgagagac	agggccttgc	tctattgccc	113340
aggatgagtg	cagtggcaca	gtccctgcag	cttccacctc	ctgggttcca	gcgacccctc	113400
catctcagcc	tccctagtag	ctgggactac	aggtgtgcac	ccactacttt	ttaaattttt	113460
agtagaaaca	aggtctcact	gtgttgccca	ggctggtctt	gaactcgtga	gctcaagtga	113520
tcctcctacc	ttggcctcct	gaaatgttga	gattacaggc	atgagacact	gtccagacag	113580
acttaatctt	ctgccatgta	gaatcccaat	gggtccggat	agactaacc	ggaggctttc	113640
aaacattggt	aaaggatatg	aattttgtct	gtaagtaaag	tattctaagg	ccgggcacgg	113700
tggctcacac	ctgtaatccc	agcactttgg	gaggatcacc	tgaggttggg	agttcgagac	113760
cagcctgacc	aacatggaga	aaccccatct	ctactaaaaa	tacaaaattg	gctggccgtg	113820
gtggcgcatg	cctgtaatcc	cagctactca	ggagaatcgc	ttgaaccggg	gaggcgaggg	113880
ttgtgggtgag	ccaagatcgt	gccatcgcac	tccagcctga	gtaacaagag	caaaaactctg	113940
tctcaaaaaa	aaaaaaaaaa	aaaaagtatt	ctagtgggaac	tcctatatgg	actaaaaggg	114000